

Substitute for Form PTO-1390      U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER <b>014975-116</b>
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>107553873</b>
INTERNATIONAL APPLICATION NO. <b>PCT/FI2003/000824</b>	INTERNATIONAL FILING DATE <b>5 November 2003 (05.11.2003)</b>	PRIORITY DATE CLAIMED <b>5 November 2002 (05.11.2002)</b>
TITLE OF INVENTION <b>ARRANGEMENT FOR CONTROLLING ROCK DRILLING</b>		
APPLICANT(S) FOR DO/EO/US <b>NOEL, Roger</b>		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission to items concerning a filing under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</p> <p>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (22) indicated below.</p> <p>4. <input type="checkbox"/> The US has been elected b□the expiration of 19 months from the priorit□date (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A cop□of the International Application as filed (35 U.S.C. 371(c)(2))</p> <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required onl□if not communicated b□the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated b□the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> <p>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))       <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previousl□submitted under 35 U.S.C. 154(d)(4).</li> </ul> </p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))       <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> are attached hereto (required onl□if not communicated b□the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated b□the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ul> </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminar□Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 21 below concern document(s) or information included:		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A FIRST preliminar□amendment.</p> <p>14. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminar□amendment.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input type="checkbox"/> A change of power of attorne□and/or address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 C.F.R. 1.821 - 1.825.</p> <p>18. <input type="checkbox"/> A second cop□of the published international application under 35 U.S.C. 154(d)(4).</p> <p>19. <input type="checkbox"/> A second cop□of the English language translation of the international application under 35 U.S.C. 154(d)(4).</p> <p>20. <input checked="" type="checkbox"/> Other items or information:       <ul style="list-style-type: none"> <li>1) General Authorization for Petitions for Extensions to Time and Payment Fees</li> <li>2) Application Data Sheet</li> <li>3) Form PCT/ISA/210 (International Search Report)</li> <li>4) Form PCT/IPEA/409 (International Preliminar□Report)</li> <li>5) Declaration of Inventors from PCT Application</li> </ul> </p>		

10/533873

JC06 Rec'd PCT/PTO 05 MAY 2005

U.S. APPLICATION NO. (If known, see 37 CFR 1.6)	INTERNATIONAL APPLICATION NO. PCT/FI2003/000824	ATTORNEY'S DOCKET NUMBER 014975-116																																																																																																																																						
<p>21. <input checked="" type="checkbox"/> Applicant(s) requests that the published application include the following assignment information: <u>SANDVIK TAMROCK OY, Tampere, Finland</u></p> <p>22. <input checked="" type="checkbox"/> The following fees are submitted:</p> <table border="1"> <tr> <td>Basic Filing Fee (1631)</td> <td>\$ 300.00</td> </tr> <tr> <td colspan="2">Surcharge of \$130.00 (1617) for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)). <input type="checkbox"/> 20 <input type="checkbox"/> 30</td> </tr> <tr> <th>CLAIMS</th> <th>NUMBER FILED</th> <th>NUMBER EXTRA</th> <th>RATE</th> <th>\$</th> </tr> <tr> <td>Total Claims</td> <td>16</td> <td>-20 =</td> <td>0</td> <td>x \$50.00 (1615)</td> </tr> <tr> <td>Independent Claims</td> <td>3</td> <td>-3 =</td> <td>0</td> <td>x \$200.00 (1614)</td> </tr> <tr> <td colspan="2">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td> <td colspan="3">+ \$360.00 (1616)</td> </tr> <tr> <td colspan="2">Examination Fee</td> <td colspan="3">+ \$200.00 (1633)</td> </tr> <tr> <td colspan="2">Search Fee</td> <td colspan="3">+ \$400.00 (1632)</td> </tr> <tr> <td colspan="2">App. Size Fee (add \$250.00 for each add'l 50 sheets exceeding 100 sheets)</td> <td colspan="3"></td> </tr> <tr> <td colspan="2"></td> <td colspan="3">TOTAL OF ABOVE CALCULATIONS = \$ 900.00</td> </tr> <tr> <td colspan="2"><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.</td> <td colspan="3">+</td> </tr> <tr> <td colspan="2"></td> <td colspan="3">SUBTOTAL = \$ 900.00</td> </tr> <tr> <td colspan="2">Processing fee of \$130.00 (1618) for furnishing the English translation later than months from the earliest claimed priority date (37 CFR 1.492(f)). <input type="checkbox"/> 20 <input type="checkbox"/> 30</td> <td colspan="3">\$ 0.00</td> </tr> <tr> <td colspan="2"></td> <td colspan="3">TOTAL NATIONAL FEE = \$ 900.00</td> </tr> <tr> <td colspan="2">Fee for recording the enclosed assignment (37 CFR 1.21(h)). 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A duplicate copy of this sheet is enclosed.</td> <td colspan="4"></td> </tr> <tr> <td>d. <input checked="" type="checkbox"/> Charge <u>\$ 900.00</u> to credit card. Form PTO-2038 is attached.</td> <td colspan="4"></td> </tr> <tr> <td colspan="6">NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</td> </tr> <tr> <td colspan="6">SEND ALL CORRESPONDENCE TO:</td> </tr> <tr> <td colspan="6"> <p>Burns, Doane, Swecker &amp; Mathis, L.L.P. P.O. Box 1404 Alexandria, Virginia 22313-1404 (703) 836-6620</p> </td> </tr> <tr> <td colspan="6"> <p> SIGNATURE for: <u>Ronald L. Grudziecki</u> NAME</p> </td> </tr> <tr> <td colspan="6"> <p>24,970 May 5, 2005 REGISTRATION NO. 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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )  
Roger NOEL ) Group Art Unit:  
Application No.: Unassigned ) Examiner:  
Filed: May 5, 2005 ) Confirmation No.:  
For: ARRANGEMENT FOR CONTROLLING )  
ROCK DRILLING )  
)  
)

**GENERAL AUTHORIZATION FOR PETITIONS  
FOR EXTENSIONS OF TIME AND PAYMENT OF FEES**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. § 1.136(a)(3), the U.S. Patent and Trademark Office is hereby provided with a general authorization to treat any concurrent or future reply requiring a petition for an extension of time for its timely submission as containing a request therefor for the appropriate length of time.

The Commissioner is hereby authorized to charge any appropriate fees under 37 C.F.R. § 1.17 that may be required by this paper, and to credit any overpayment, to Deposit Account No. 02-4800. This paper is submitted in duplicate.

Respectfully submitted,

BURNS, DOANE, SWECKER & MATHIS, L.L.P.

Date: May 5, 2005

By: Ronald L. Grudziecki, Reg. No. 34,456  
*[Signature]* Ronald L. Grudziecki  
Registration No. 24,970

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